

**Model DH-AP-1 includes the following**

Item	Part no.	Description
1	DH-AP-1	MILLER DURAHOIST Aluminum Portable Fall-Arrest Anchor Post
accessories shown, but not included		
2	DH-AP-2	MILLER DURAHOIST Aluminum Portable Fall-Arrest Anchor Post Extension
3	DH-AP-3	MILLER DURAHOIST Aluminum Portable Fall-Arrest Anchor Post Davit Arm Ass'y
4	DH-AP-5	Weld-On Plate, Bare Steel
5	DH-AP-4	Weld-On Plate c/w Tie-Off Anchor, Bare Steel
6	DH-AP-6	Weld-On Plate for Inclined Surfaces c/w Tie-Off Anchor, Bare Steel
7	DH-AP-7	Weld-On Plate for Inclined Surfaces, Bare Steel

**DESCRIPTION**

The MILLER DURAHOIST Portable Fall-Arrest System Anchor Post provides 3 independent swivelling tie-off points for fall arrest anchorage. Increased height over previous models more than doubles the protection area around the post. 3-section telescoping design is manufactured from lightweight aluminum, and collapses to only 33"(838mm) for transport and storage. Durable powder coat finish with zinc plated steel components for long corrosion resistance. Adjustable to compensate for up to 15° of mounting surface incline.

**Application Restrictions**

1. A maximum of three(3) workers may be tied-off to the Anchor Post at any one time. Use of various accessories may reduce the number of workers that may be anchored. Consult product specification sheets for all components of any system, and be aware of any restrictions before using the equipment.
2. The Portable Fall-Arrest Anchor Post **MUST BE** in a vertical position at any time it is being used as a fall-arrest anchor post.
3. The installed Anchor Post assembly **MUST BE** 72" (1830mm) or less from any edge where a fall may occur.
4. Retractable devices and shock absorbers **MUST HAVE** a maximum arresting force (M.A.F.) of 900 lbs (4 kN) or less and **MUST BE** installed and used in accordance with manufacturer's instructions.
5. The Portable Fall-Arrest Mast **MUST ONLY BE** used with accessories supplied by or approved by MILLER.
6. H.L.L. **MUST BE** installed using chart on Page 2 of 2 giving due consideration to strength limitations at various positions.
7. The Anchor Post **MUST BE** used with a tie-back in Horizontal Lifeline applications at **ANY** extended height. Failure to follow this instruction may result in serious injury or death.
8. Each installation **MUST BE** approved to local standards by a qualified engineer.

**General Specifications:**

Working Load	
Fall-Arrest	3 Workers using 900 lb MAF Shock Absorbers
Safety Factor	Minimum 2:1
Material Handling (with model DH-AP-3 Davit Arm)	310 lbs (141 kg)
Safety Factor	10:1
Rescue	310 lbs (141 kg)
Safety Factor	10:1
Proof Load	4200 lb (18.7kN) Pulled from 72" (1828.8mm) from post centerline (53° to vertical)
Proof Load Moment	190000 in-lb (20.8 kN-m)
Horizontal Lifeline Anchor Point	See Page 2 of 2
Proof Load	
Proof Tests	UCT-343, 344, 345, 346, 347, 368, 369, 370, 371, 372, 373, 374, 389, 390, 391, 401
Weight	38 lbs (17.5 kg)

**Materials & Construction:**

General Construction	Welded Steel / Aluminum
Weld Certification	CWB-47.1, CWB-47.2
Material (aluminum)	6061-T6 Aluminum
Material (steel)	H.R. Steel Plate, Sch. 40 Pipe
Finish (aluminum)	Powder Coat
Finish (steel)	CS-500 Zinc Plated
Swivel Ring Bushing	PVC Pipe, ASTM-D-1785
Hardware	Gr.5, Gr.8 - Zinc Plated
Plating Specification	ASTM Designation B633-85, Type II, SC2, CS-500 Leachant/Sealant Process

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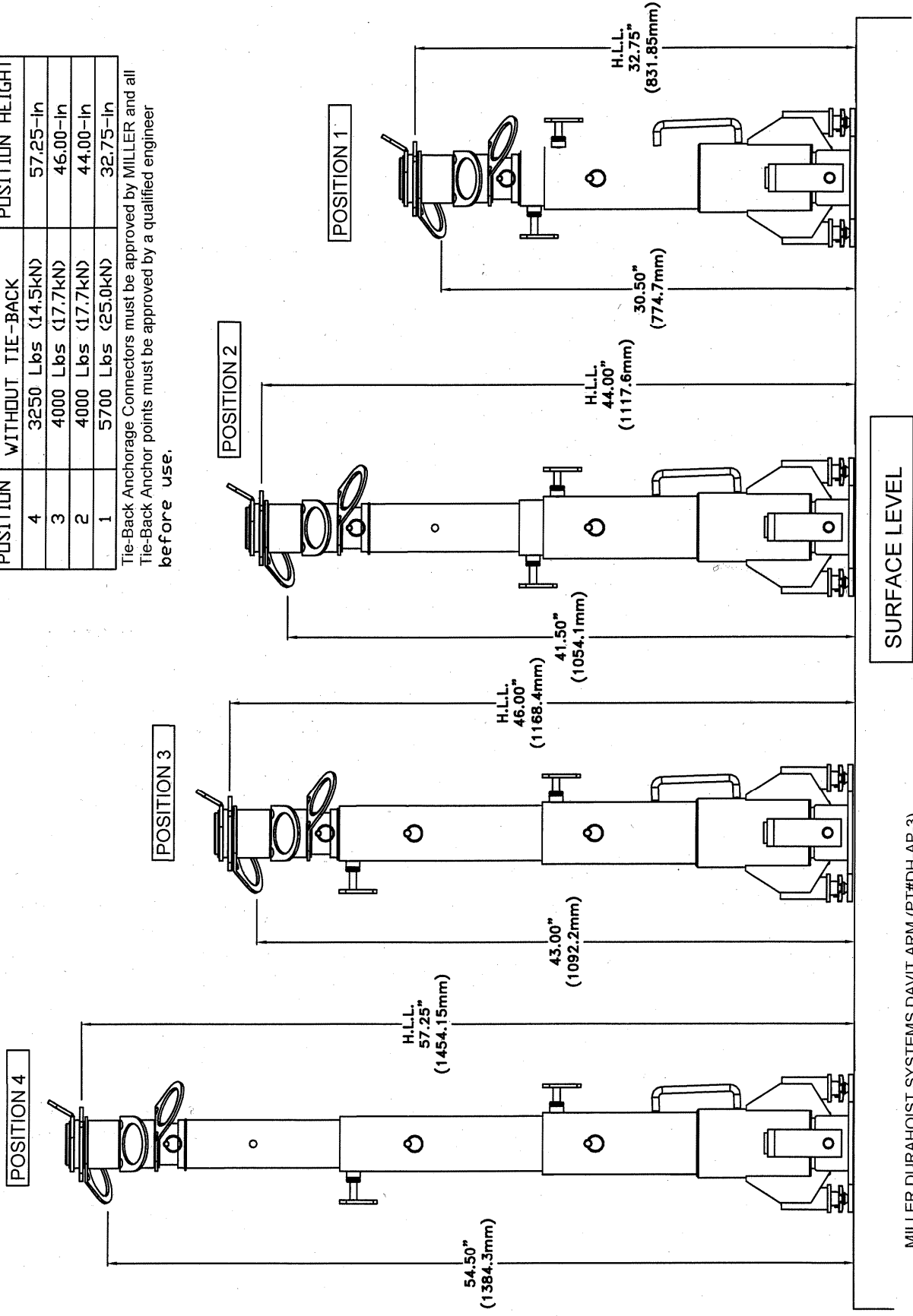


**MILLER DURAHOIST ALUMINUM  
FALL-ARREST ANCHOR POST  
MODEL: DH-AP-1**

**HORIZONTAL LIFELINE (H.L.L.) POSITIONS & RATINGS**

POSITION	ULTIMATE STRENGTH WITHOUT TIE-BACK	POSITION HEIGHT
4	3250 Lbs (14.5kN)	57.25-in
3	4000 Lbs (17.7kN)	46.00-in
2	4000 Lbs (17.7kN)	44.00-in
1	5700 Lbs (25.0kN)	32.75-in

Tie-Back Anchorage Connectors must be approved by MILLER and all Tie-Back Anchor points must be approved by a qualified engineer before use.



**SURFACE LEVEL**

MILLER DURAHOIST SYSTEMS DAVIT ARM (PT#DH-AP-3)  
CAN BE USED IN POST POSITIONS 2 & 4 ONLY

HORIZONTAL LIFELINE HEIGHT = "H.L.L." DIMENSION